

REFERENCES

1. Bloomfield, J.R., Buck, J.R., Carroll, S.A., Booth, M.W., Romano, R.A., McGehee, D.V., and North, R.A. (1995). *Human Factors Aspects of the Transfer of Control from the Automated Highway System to the Driver*. Technical Report No. FHWA-RD-94-114. Washington, DC: Federal Highway Administration.
2. Bloomfield, J.R., Buck, J.R., Christensen, J.M., and Yenamandra, A. (1995). *Human Factors Aspects of the Transfer of Control from the Driver to the Automated Highway System*. Technical Report No. FHWA-RD-94-173. Washington, DC: Federal Highway Administration.
3. Bloomfield, J.R., Christensen, J.M., Peterson, A.D., Kjaer, J.M., and Gault, A. (1996). *Transferring Control from the Driver to the Automated Highway System with Varying Degrees of Automation*. Technical Report No. FHWA-RD-95-108. Washington, DC: Federal Highway Administration.
4. Bloomfield, J.R., Christensen, J.M., Carroll, S.A., and Watson, G.S. (in press). *The Driver's Response to Decreasing Vehicle Separations During Transitions into the Automated Lane*. Technical Report No. FHWA-RD-95-107. Washington, DC: Federal Highway Administration.
5. Bloomfield, J.R., Carroll, S.A., Papelis, Y.E., and Bartelme, M. (in press). *The Ability of the Driver to Deal with Reduced Capability in an Automated Highway System*. Technical Report No. FHWA-RD-96-067. Washington, DC: Federal Highway Administration.
6. Bloomfield, J.R., Christensen, J.M., and Carroll, S.A. (in press). *The Effect on Normal Driving of Traveling Under Automated Control*. Technical Report No. FHWA-RD-95-182. Washington, DC: Federal Highway Administration.
7. Levitan, L., and Bloomfield, J.R. (in press). *Drivers' Activities and Information Needs in an Automated Highway System*. Technical Report No. FHWA-RD-96-066. Washington, DC: Federal Highway Administration.
8. Kuhl, J.G., Evans, D.F., Papelis, Y.E., Romano, R.A., and Watson, G.S. (1995). The Iowa Driving Simulator: An iMmersive Environment for Driving-Related Research and Development. *IEEE Computer*, 28, 35-41.
9. Kuhl, J.G., and Papelis, Y.E. (1993). A Real-Time Software Architecture for an Operator-in-the-Loop Simulator. *Proceedings of the Workshop on Parallel and Distributed Real-Time Systems*. Los Alamitos, CA: IEEE CS Press, pp. 117-126.
10. Transportation Research Board. (1985) *Highway Capacity Manual: Special Report 209*. Washington, DC: National Research Council.
11. May, A.D. (1990). *Traffic Flow Fundamentals*. Englewood Cliffs, New Jersey: Prentice-Hall.
12. May, A. D. (1965). *Gap Availability Studies*. Highway Research Board Record 72. Washington DC: HRB, pp. 105-136.

13. Wall, M. (1995). "Motion Perimetry in Optic Neuropathies." In Mills, R.P., and Wall, M. (Eds.), *Perimetry Update 1994/95*. New York: Kugler Publications, pp. 111-117.
14. Bloomfield, J.R., and Carroll, S.A. (1996). "New Measures of Driving Performance." In Robertson, S.A. (Ed.), *Contemporary Ergonomics 1996*. London: Taylor and Francis, pp. 335-340.
15. Ohta, H. (1993). "Individual Differences in Driving Distance Headway." In Gale, A.G., Brown, I.D., Haslegrave, C.M., Krusysse, H.W., and Taylor, S.P. (Eds.), *Vision in Vehicles-IV*. New York: Elsevier/North-Holland, pp. 91-100.